

DVD / AV RECEIVER

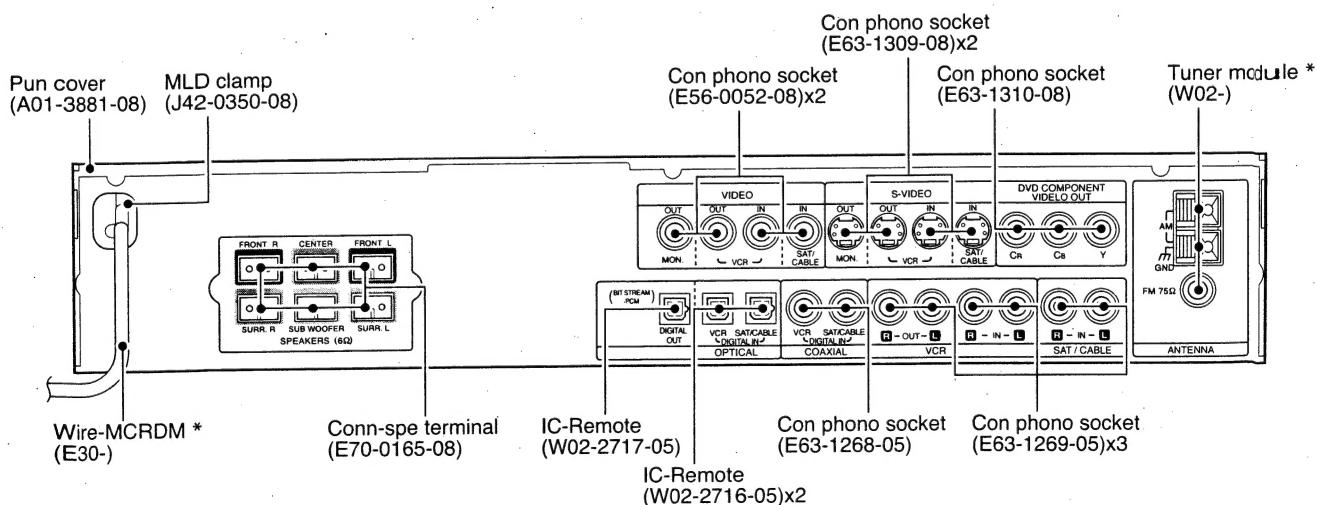
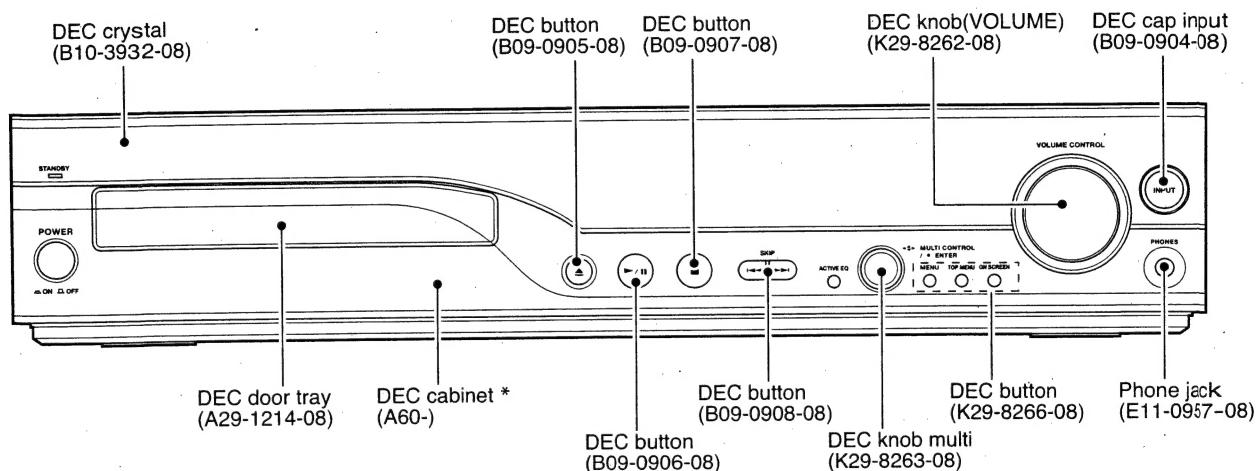
DVR-8100

SERVICE MANUAL

(DVT-8100)

KENWOOD

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B51-5824-00 (K/K) 1836



*** Refer to parts list on page 24.**

In compliance with Federal Regulations, following are reproduction of labels on, or inside the product relating to laser product safety.

KENWOOD Corp. certifies this equipment conforms to DHHS
Regulations No.21 CFR 1040.10, Chapter 1, subchapter J.

**DANGER : Laser radiation when open and interlock defeated.
AVOID DIRECT EXPOSURE TO BEAM.**

Caution : No connection of ground line if disassemble the unit. Please connect the ground line on rear panel, PCBs, Chassis and some others.



DVR-8100

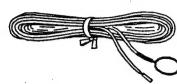
CONTENTS / ACCESSORIES / CAUTIONS

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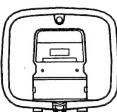
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Accessories

FM indoor antenna (1)
(T90-0882-08)



Loop antenna (1)
(T90-0896-08)



Video cord (1)
(E30-1427-05)



Speaker cords (6)
(E30-7265-08): RD
(E30-7286-08): WH
(E30-7285-08): VT
(E30-7283-08): GN
(E30-7269-08): GY
(E30-7284-08): BL

Remote control unit (1)
(A70-1600-08): X
(A70-1601-08): ET



SCART plug adaptor (1)
(Europe and U.K. only)
(E69-0012-05)



Batteries (R6/AA) (2)



SYSTEM CONFIGURATION

SYSTEM	MAIN UNIT	SPEAKER
DVT-8100	DVR-8100	KSW-8100

Cautions

Speaker model names

System	Speakers
DVR-8100	KSW-8100 (Left speaker, right speaker, center speaker, surround speakers and subwoofer)

Note related to transportation and movement

Before transporting or moving this unit, carry out the following operations.

- ① Remove the disc from the unit.
- ② Press the **▶/II** key.

NO DISC

- ③ Wait a few seconds and turn the unit OFF.



Manufactured under license from Dolby Laboratories.
"DOLBY", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.



"DTS" and "DTS Digital Surround" are trademarks of Digital Theater Systems, Inc.

Operation to reset

The microcomputer may fall into malfunction (impossibility to operate, erroneous display, etc.) when the power cord is unplugged while power is ON or due to an external factor. In this case, execute the following procedure to reset the microcomputer and return it to normal condition.

Set the POWER switch to ON (set to Standby mode). Then press the **▶▶ key, **◀◀** key and STOP key in this order.**

- Please note that resetting the microcomputer clears the contents stored in and returns to condition when it left the factory.

The marking of products using lasers (For countries other than U.S.A., U.S.-Military and Canada)

CLASS 1
LASER PRODUCT

CAUTION
VISIBLE LASER RADIATION
WHEN OPEN. DO NOT
STARE INTO BEAM.

CAUTION
INVISIBLE LASER RADIATION
WHEN OPEN. DO NOT STARE
INTO BEAM OR VIEW DIRECTLY
WITH OPTICAL INSTRUMENTS.

The marking this product has been classified as Class 1. It means that there is no danger of hazardous radiation outside the product.

Location: Back panel

Inside this laser product, a laser diode classified as Class 2 laser radiation is contained as alerted by the internal caution label shown above. Do not stare into beam.

Location: DVD laser pick-up unit cover inside this product

Inside this laser product, a laser diode classified as Class 3A laser radiation is contained as alerted by the internal caution label shown above. Do not stare into beam or view directly with optical instruments.

Location: CD laser pick-up unit cover inside this product

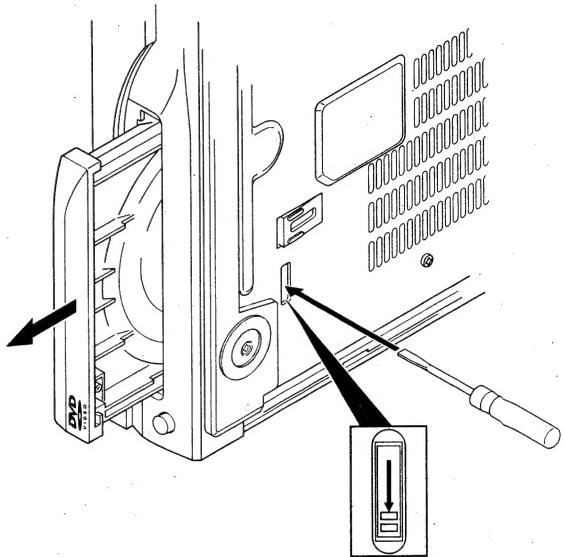
DVR-8100

DISASSEMBLY FOR REPAIR / BLOCK DIAGRAM

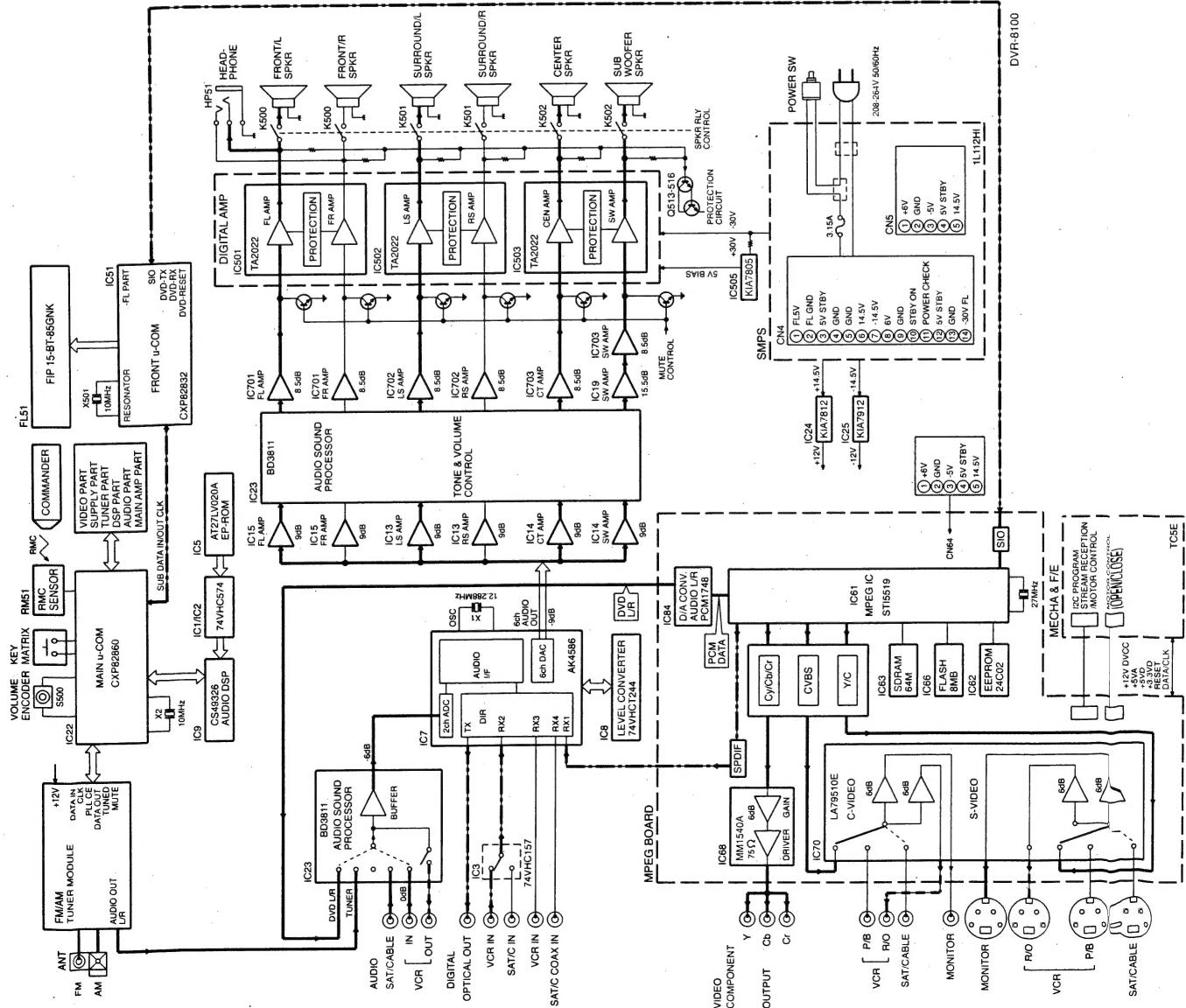
DISASSEMBLY FOR REPAIR

How to open the tray if it does not come out.

1. Insert a flat driver in the drawing through the hole on the loading chassis bottom and pull the lever down.
 2. Pull out the tray frontward by hand when it comes just out.



BLOCK DIAGRAM



DVR-8100

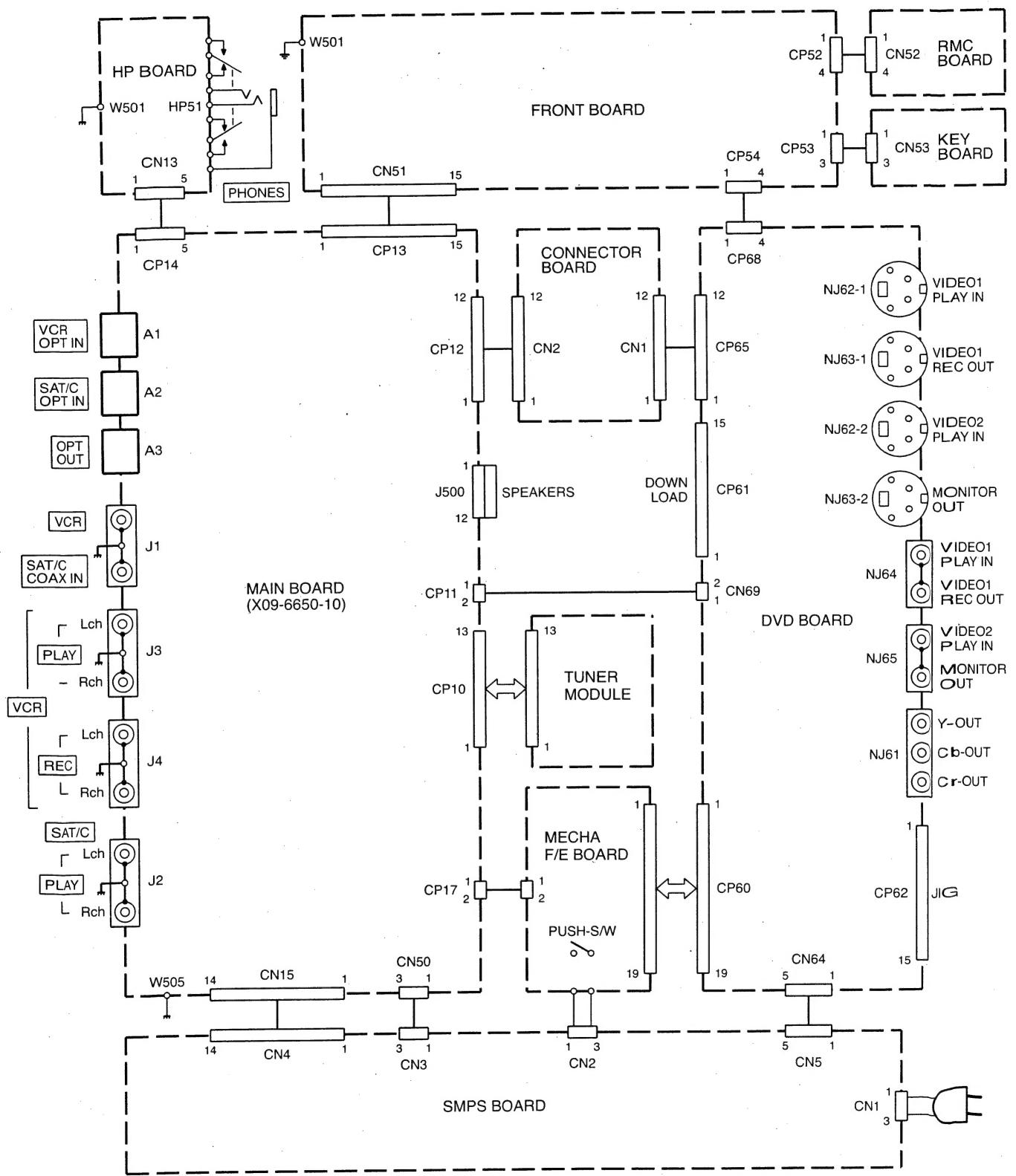
ADJUSTMENT

No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTINGS	ALIGNMENT POINTS	ALIGN FOR	FIG.
Unless otherwise specified, the individual switches should be set as following:							
POWER: ON				SELECTOR: EXCEPT TUNER			
1	OFF SET	-	Connect the DC voltmeter to speaker terminal (J500).	VOLUME: 0	*	Less than $\pm 10\text{mV}$ Note: Adjust it as possible as minimum voltage (Approx: $\pm 2\text{mV}$)	

*	Channels	Alignment point	Speaker Terminal(J500) Pin No.
	FL	VR1	3 (+), 4 (-)
	FR	VR2	11 (+), 12 (-)
	LS	VR3	1 (+), 2 (-)
	RS	VR4	9 (+), 10 (-)
	CENTER	VR5	7 (+), 8 (-)
	SW	VR6	5 (+), 6 (-)

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INTERCONNECTION DIAGRAM



A

8

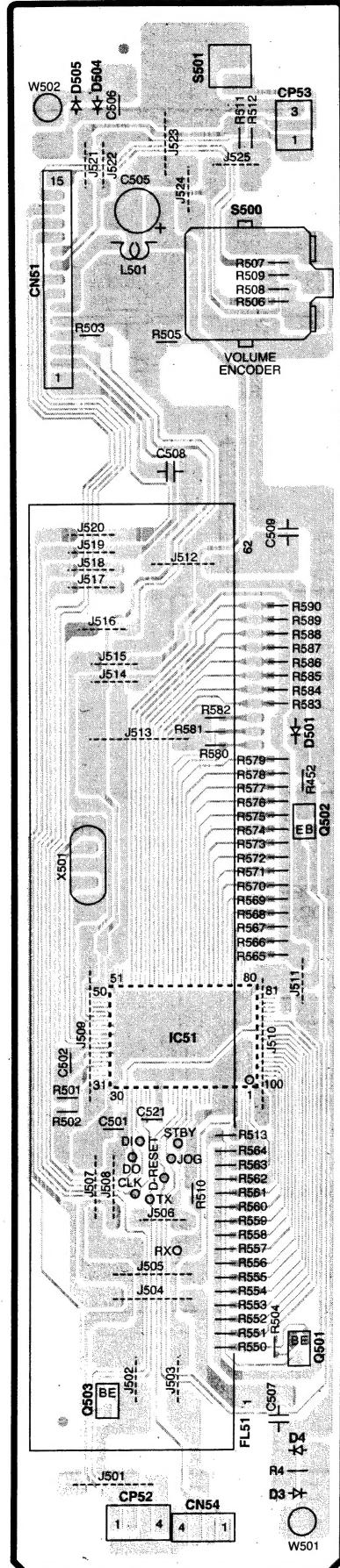
C

4

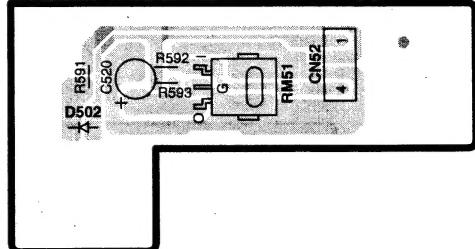
E

PC BOARD (Component side view)

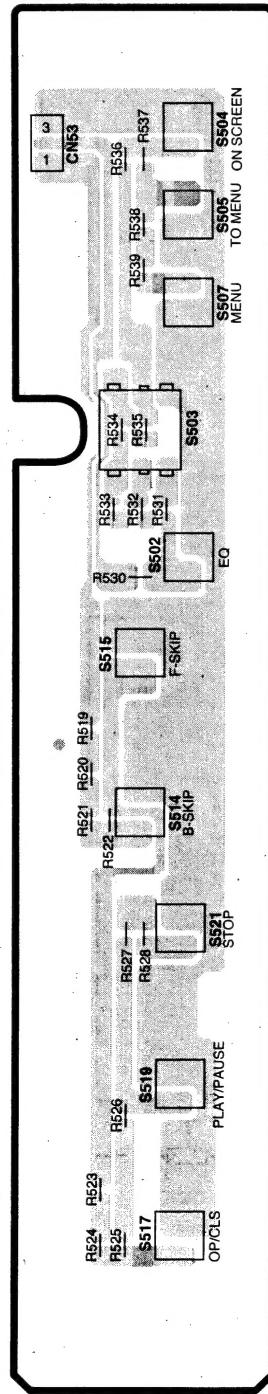
FRONT BOARD



REMOTE BOARD

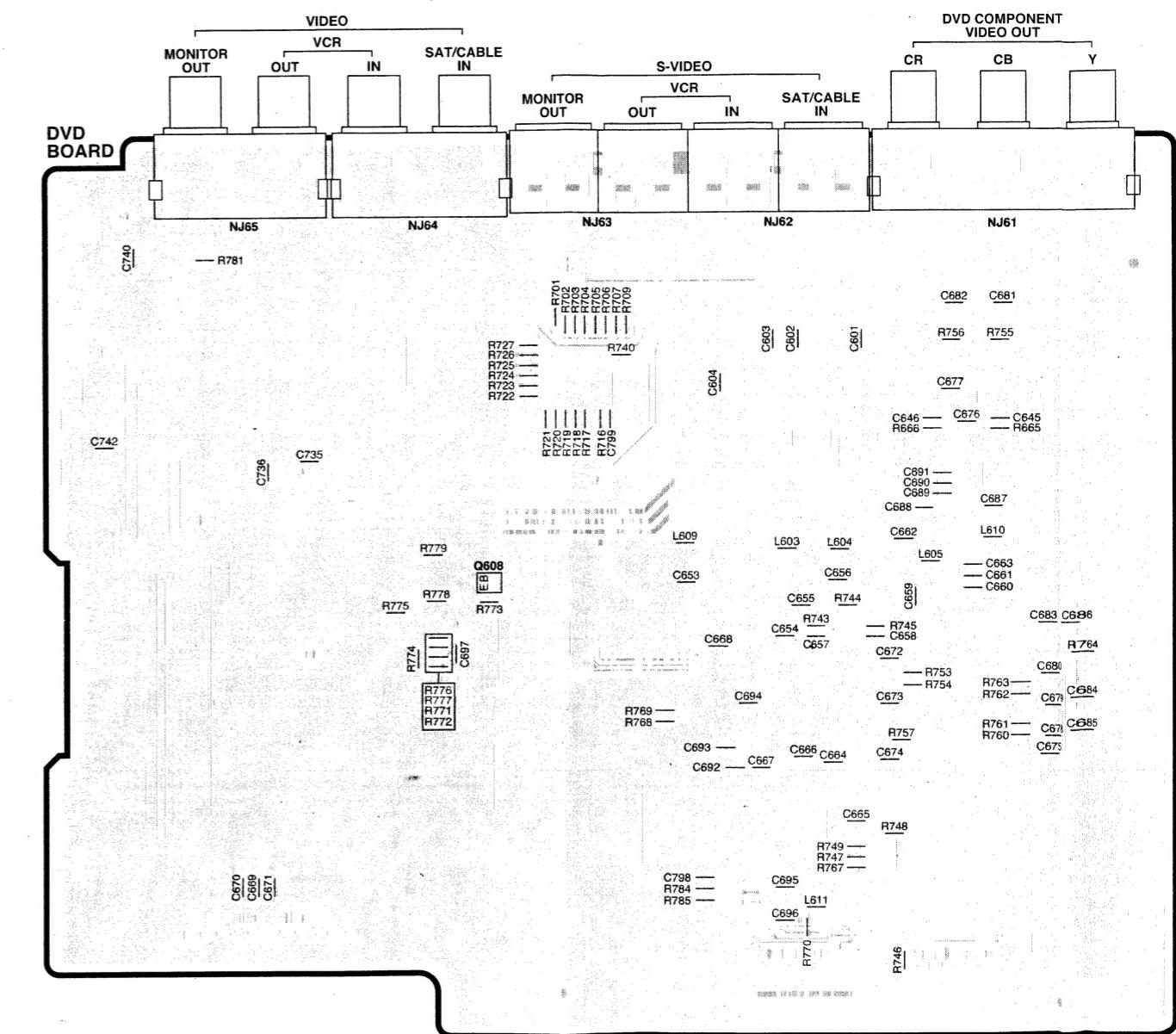
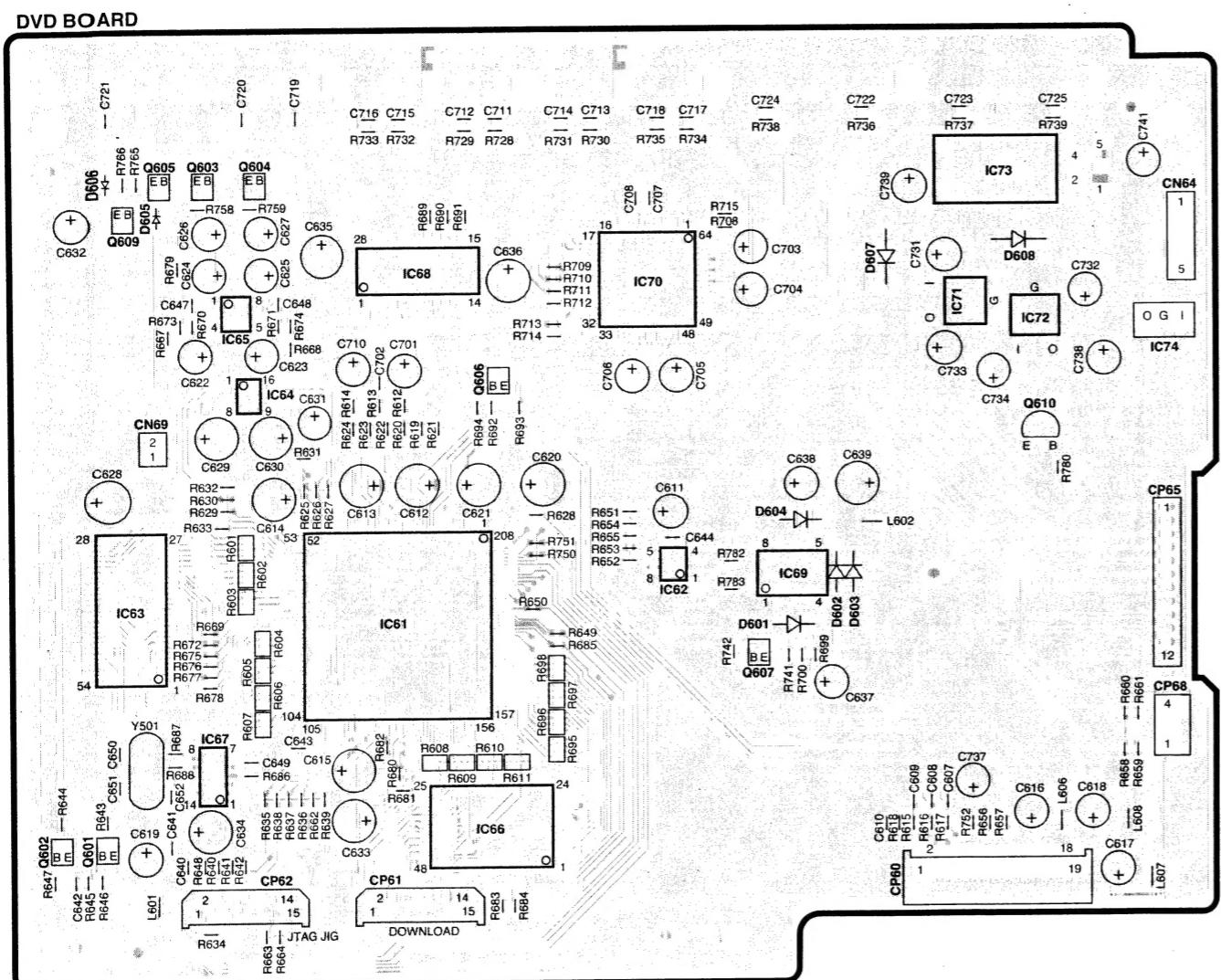


KEY BOARD

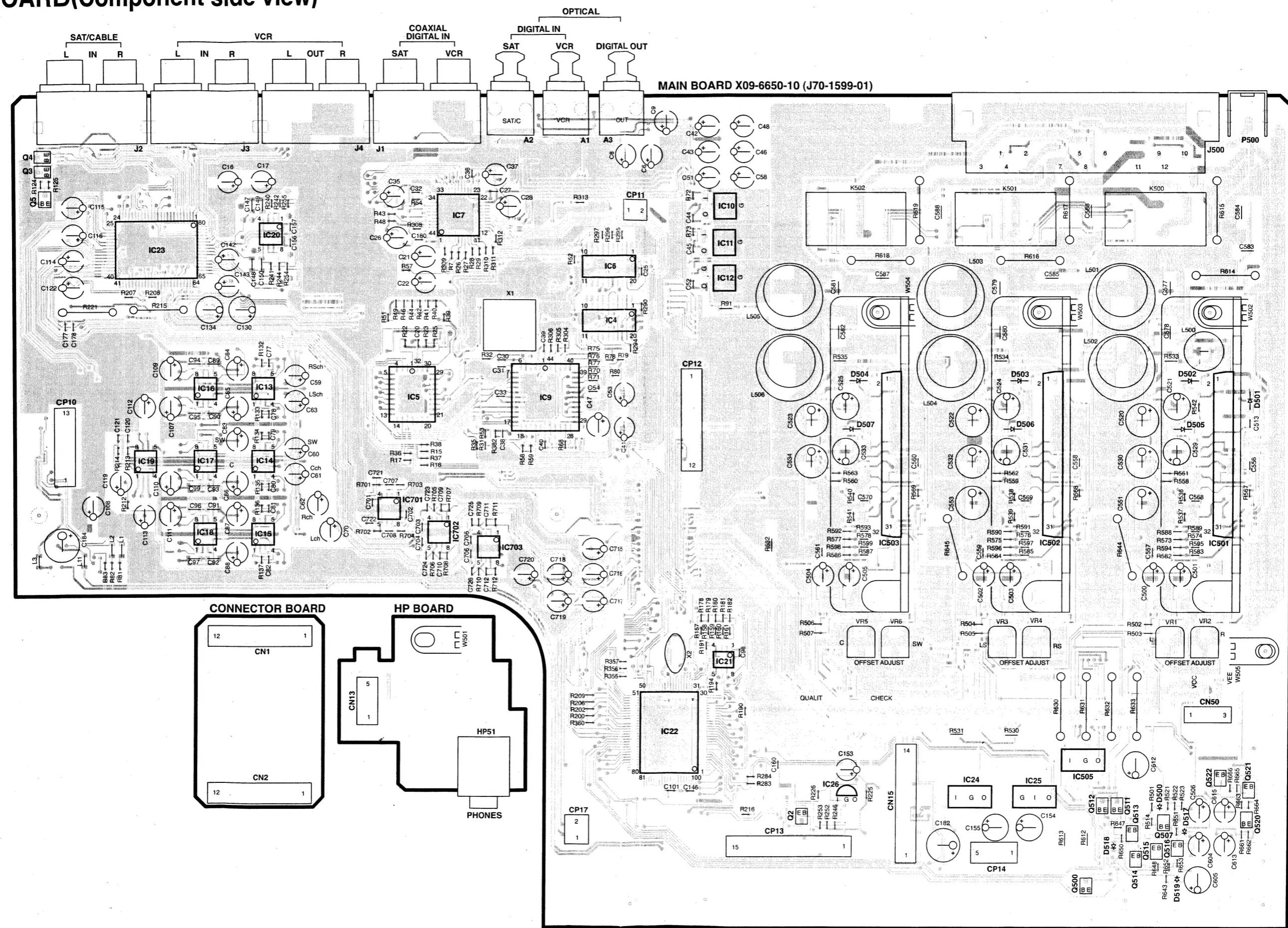


Refer to the schematic diagram for the value of resistors and cap acitors.

PC BOARD(Component side view)



PC BOARD(Component side view)



Z

AA

AB

AC

AD

AE

AF

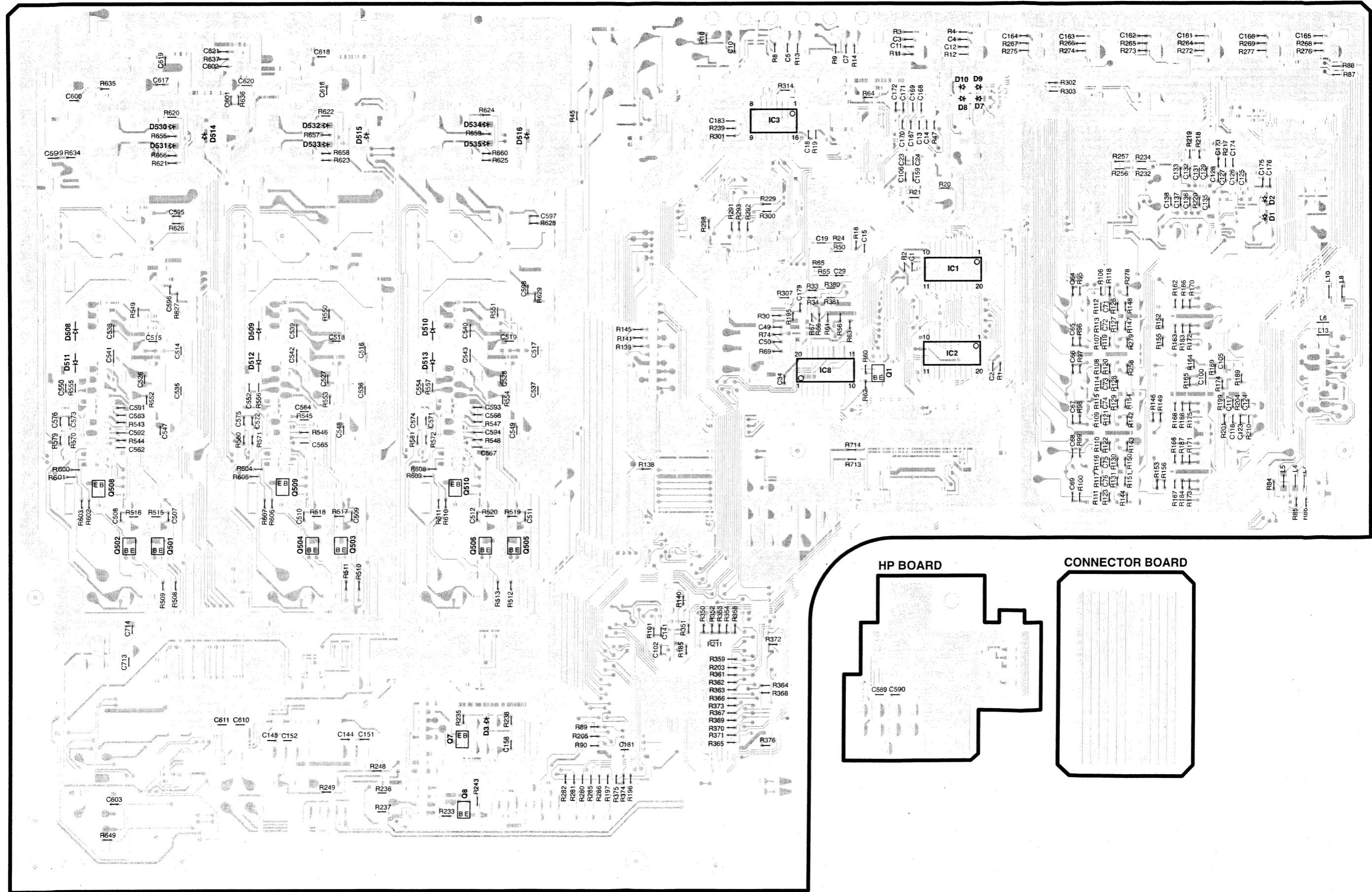
AG

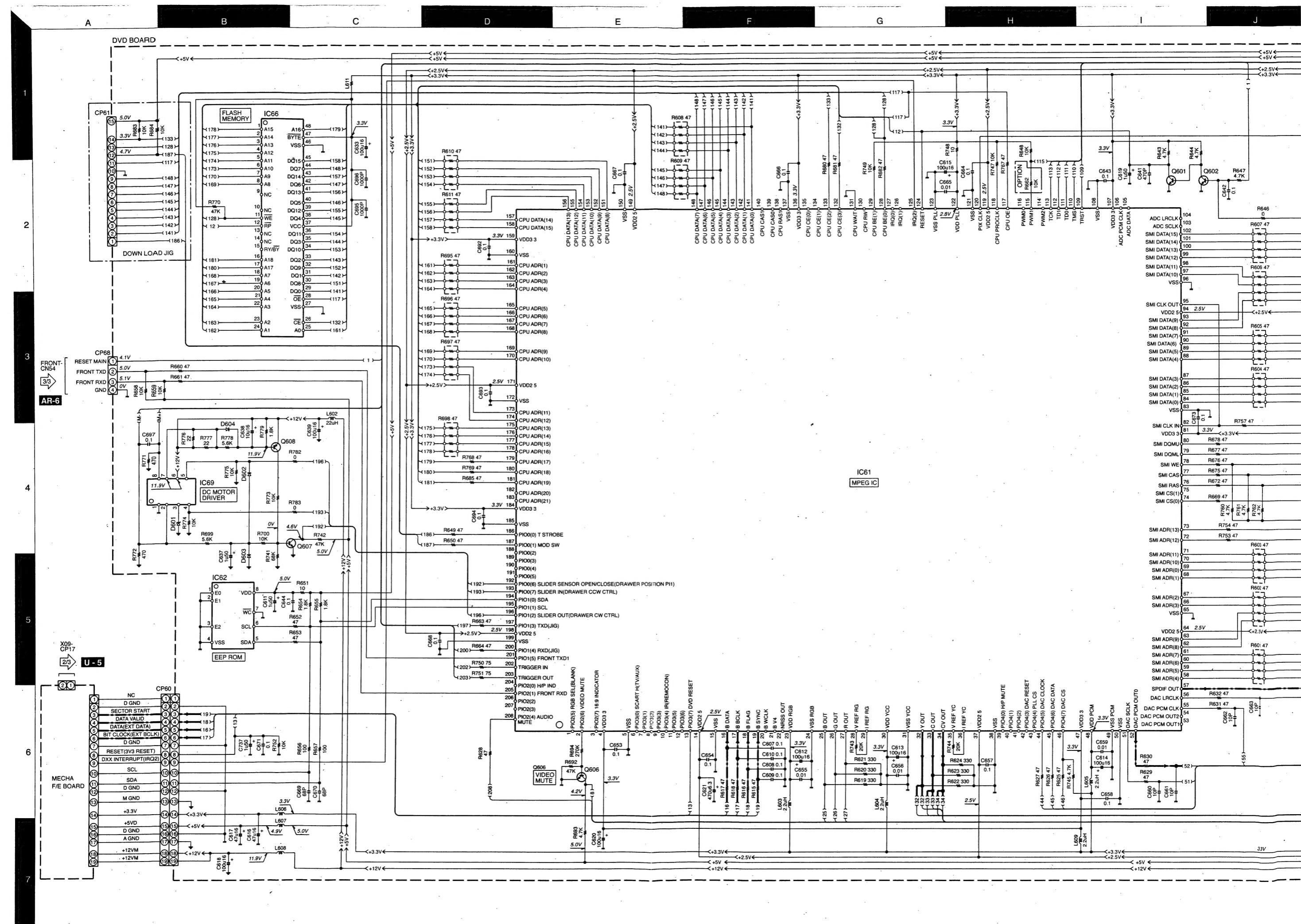
AH

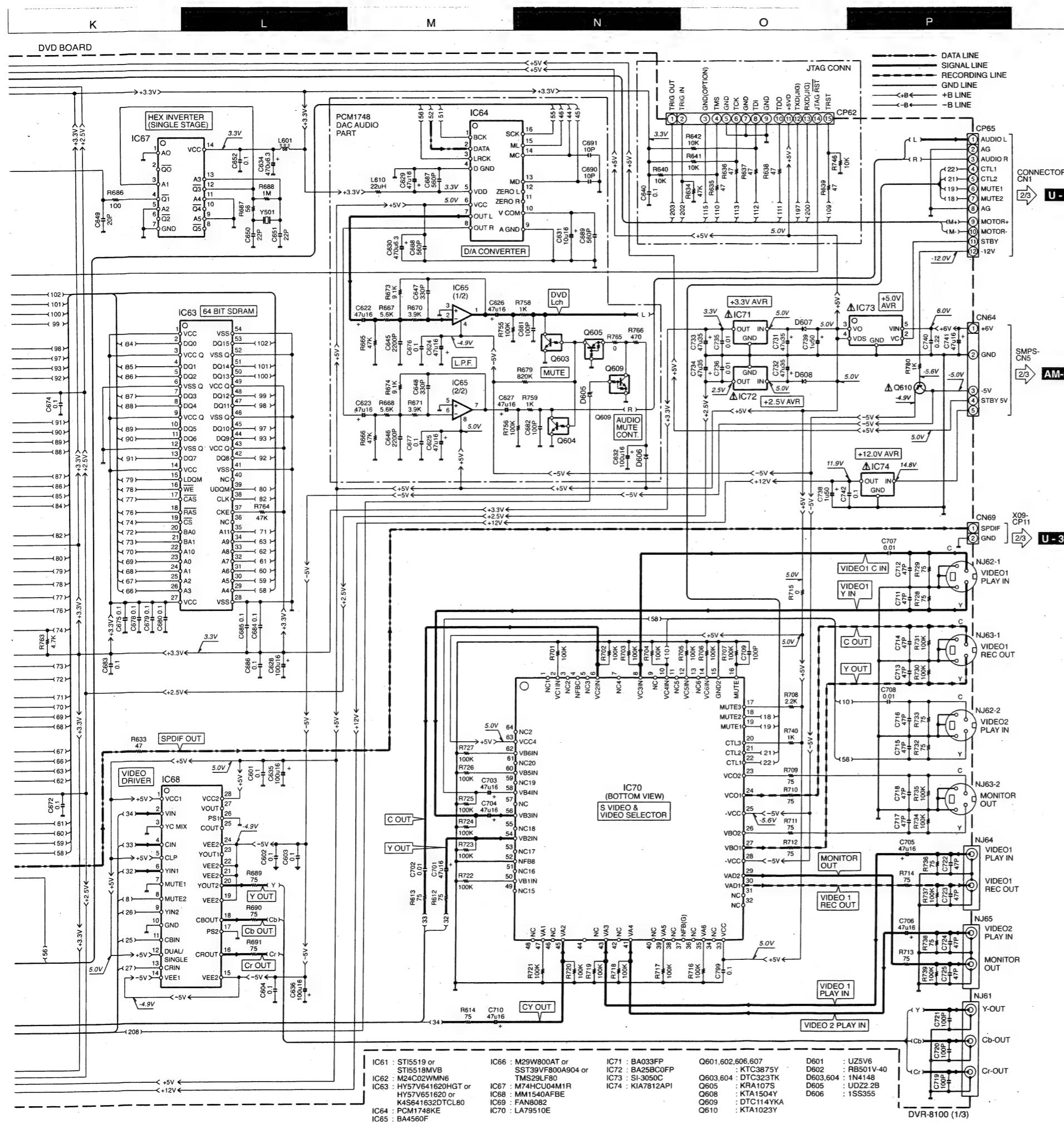
AI

PC BOARD(Component side view)

MAIN BOARD X09-6650-10 (J70-1599-01)



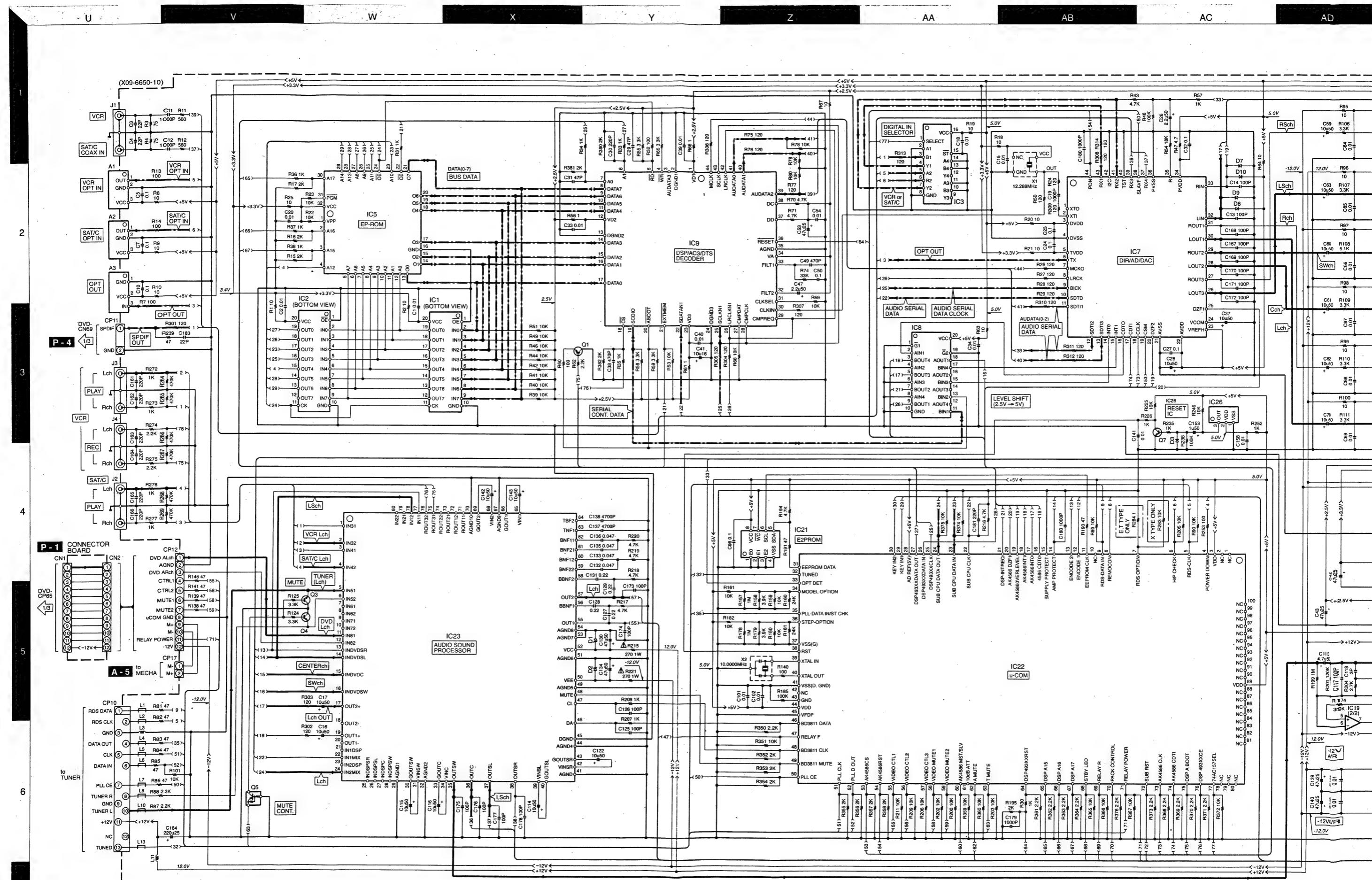




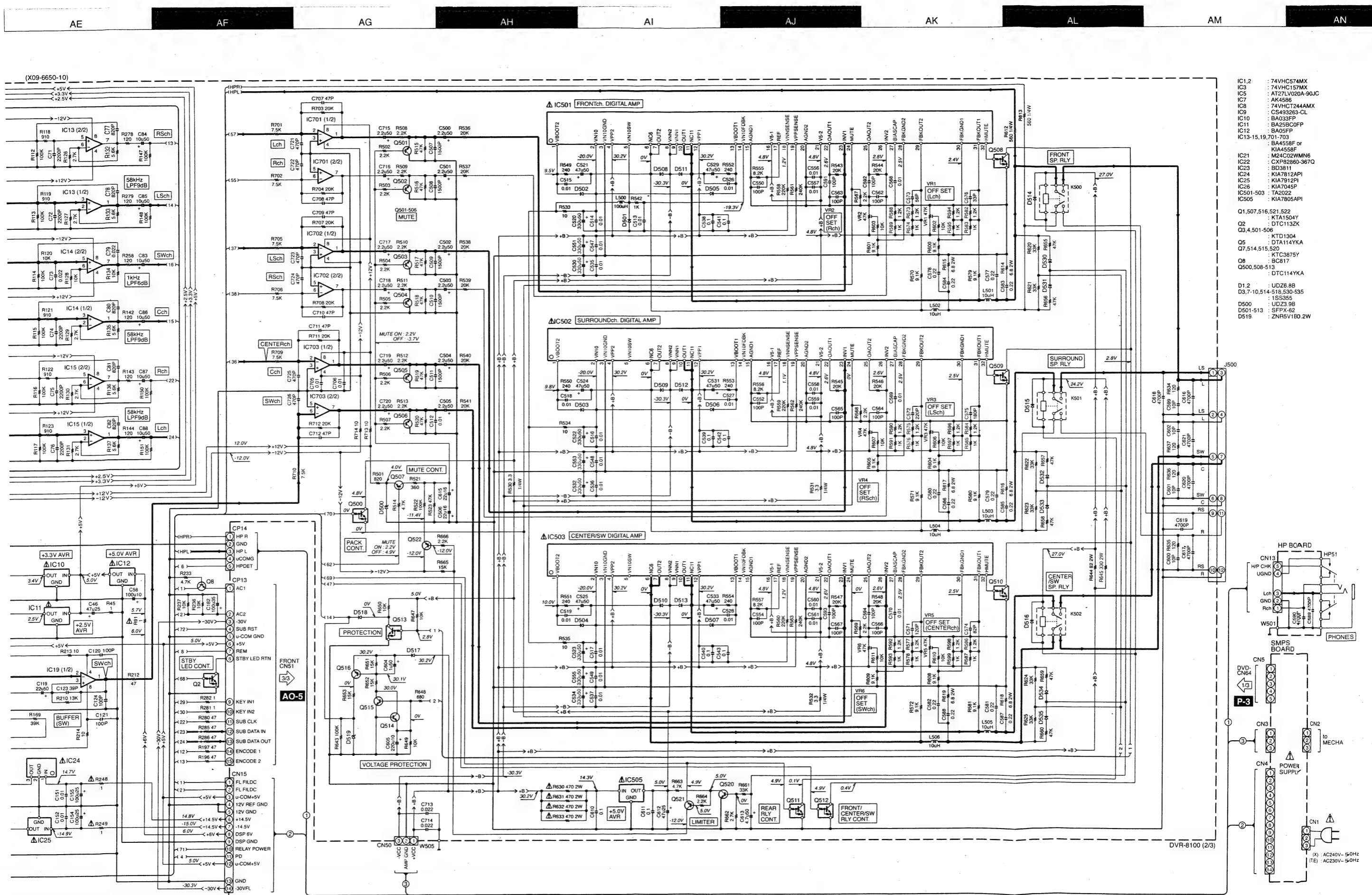
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

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The DC voltage is an actual reading measured with a high impedance type voltmeter with no signal input. The measurement value may vary depending on the measuring instruments used or on the product.

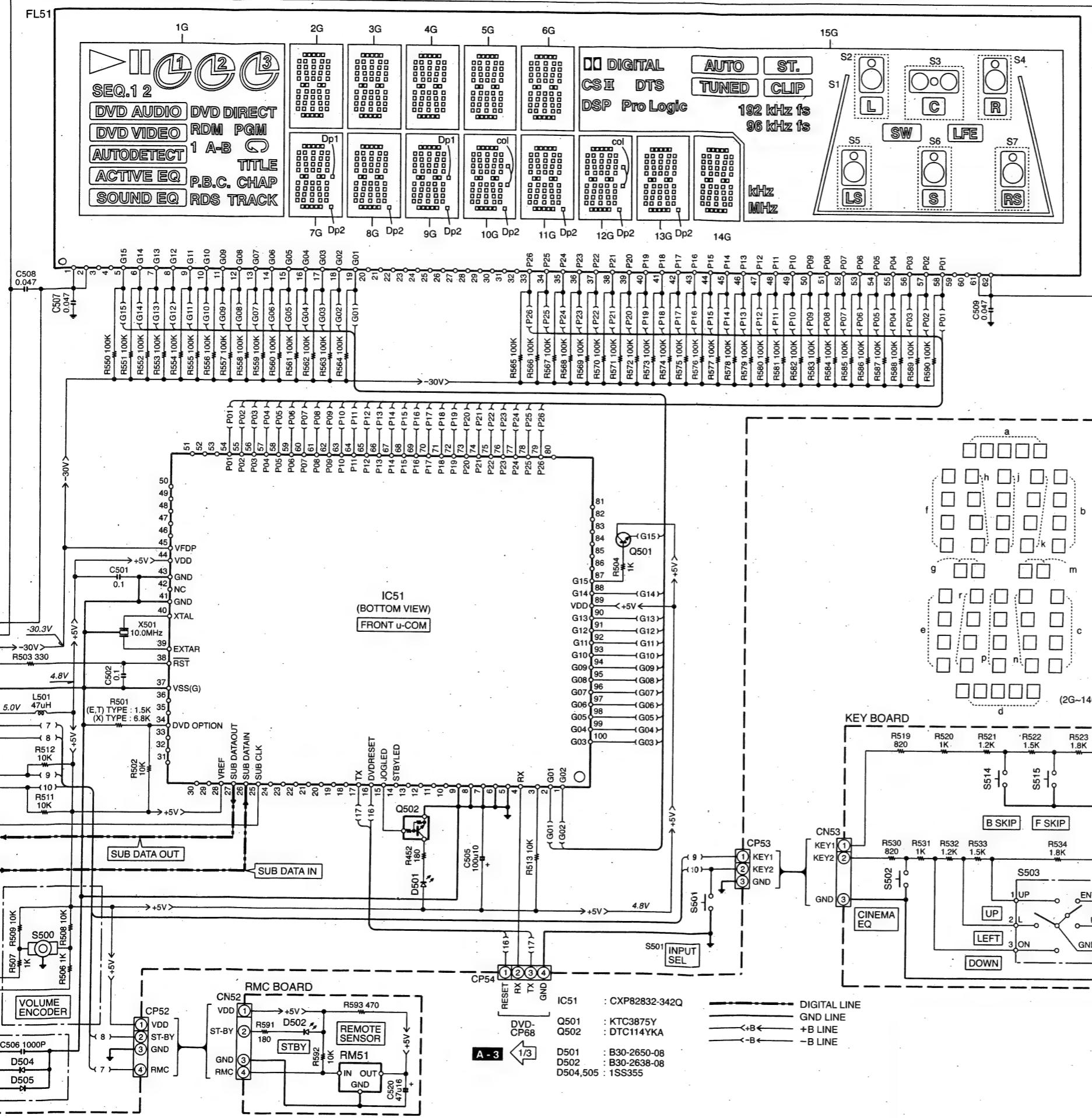


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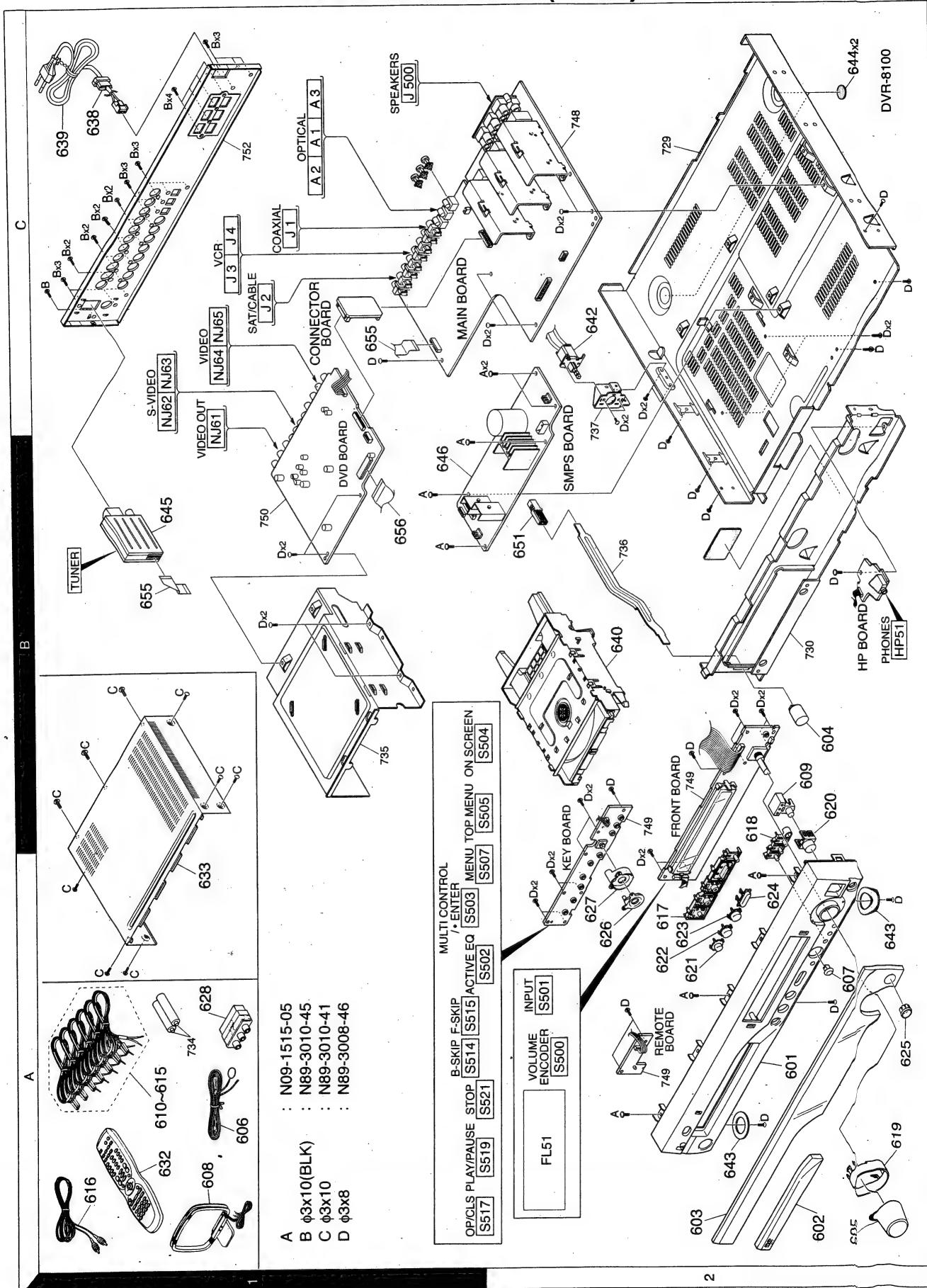
Y39-4512-70

FRONT BOARD



DVR-8100

EXPLODED VIEW (UNIT)



Parts with exploded numbers larger than 700 are not supplied.

DVR-8100

PARTS LIST

8

* New Parts
Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.
Teile ohne **Parts No.** werden nicht beliefert.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

* New Parts Parts without **Parts No.** are not supplied.
Les articles non mentionnés dans le tableau ci-dessous ne sont pas fournis.

Ref. No	Address	New Parts	Parts No.	Description	Desti- nation	Re- marks
DVR-8100						
6001		*	A60-2315-08	DEC CABINET PA	55320430	
6001	2A	*	A60-2316-08	DEC CABINET PA	55405130	
6002	2A	*	A29-1214-08	DEC DOOR TRAY	55320440	
6003	2A	*	B10-3932-08	DEC CRYSTAL WI	55320450	
6004	2B	*	K29-8261-08	DEC KNOB POWER	55320460	
6005	2A	*	K29-8262-08	DEC KNOB VOLUM	5532047A	
6006	1A	*	T90-0882-08	ANTENNA WIRE F	55127470	
6007	2A	*	K29-8263-08	DEC KNOB MULTI	55320480	
6008	1A	*	T90-0896-08	ANTENNA LOOP A	55208620	
6009	2B	*	K29-8264-08	DEC BUTTON INP	55320490	
6110	1A		E30-7265-08	WIRE-CABSP RD	55236710	
6111	1A		E30-7266-08	WIRE-CABSP WH	55380860	
6112	1A		E30-7267-08	WIRE-CABSP VT	55380850	
6113	1A		E30-7283-08	WIRE-CABSP GN	55236730	
6114	1A		E30-7269-08	WIRE-CABSP GY	55192270	
6115	1A		E30-7284-08	WIRE-CABSP BL	55380840	
6116	1A		E30-7285-05	WIRE-CABSP AUD	55192120	
6117	2A	*	K29-8265-08	DEC BUTTON 6KE	55320500	
6118	2B	*	K29-8266-08	DEC BUTTON 3KE	55320510	
6119	2A	*	B07-2861-08	DEC KNOB RING	5532053A	
6201	2B	*	B09-0904-08	DEC CAP INPUT	55320540	
6201	2A	*	B09-0905-08	DEC BUTTON OPE	55320550	
6202	2A	*	B09-0906-08	DEC BUTTON PLA	55320560	
6203	2A	*	B09-0907-08	DEC BUTTON STO	55320570	
6204	2A	*	B09-0908-08	DEC BUTTON SKI	55320580	
6205	2A	*	B09-0909-08	DEC BUTTON RIN	55320590	
6206	2A	*	B12-0471-08	MLD INDICATOR	55320600	
6207	2A	*	F07-2005-05	DEC COVER INDI	55516080	
6208	1A	*	E69-0012-05	CON SCART + RC	55240100	
6209	1A	*	A70-1600-08	EPR RCT REMOCO	55390400	
6321	1A	*	A70-1601-08	EPR RCT REMOCO	553905140	
6322	1C	*	J42-0356-08	PUN COVER TOP	5532068A	
6323	1C	*	E30-7251-08	MLD CLAMP AC C	55125180	
6324	1C	*	E30-7252-08	WIRE-MCRDM 0.7	55190790	
6325	1C	*	E30-7253-08	WIRE-MCRDM 0.7	55190800	
6326	2B	*	D40-1787-08	OK TVM 502 T	55190820	
6327	2C	*	S68-0151-08	SWIPL POWER	55344560	
6328	2A	*	G11-2823-08	FOOT RUBBER RO	55352210	
6329	2C	*	G11-2924-08	FOOT RUBBER RO	55352220	
6445	1B	*	W02-2965-08	EPR TUNER MODU	5516113A	
6446	1B	*	W02-2966-08	EPR TUNER MODU	5521783A	
6447	1B	*	W02-2985-08	ASY SIMPS MODUL	55408750	
6448	1B	*	J19-6368-08	MLD HOLDER SW	55320640	
6449	1B,1C	*	E35-3466-08	FFC-JUMPER,13P	55320820	
6556	1B	*	E35-3467-08	FFC-JUMPER,19P	55182940	
-		*	B60-5290-08	BOOK INSTR (EN)	55405180	TX
-		*	B60-5291-08	BOOK INSTR (FR)	55405190	E
-		*	B60-5292-08	BOOK INSTR (GE)	55405200	E
-		*	B60-5293-08	BOOK INSTR (NE)	55405210	E
-		*	B60-5294-08	BOOK INSTR (IT)	55405220	E
-		*	B60-5295-08	BOOK INSTR (DE)	55405230	E

Ref. No.	Add- ress	New Parts	Parts No.	Description	Desti- nation	Re- marks
		*	H10-7818-08	MAT-PKG CUSHION	5520874A	
		*	H10-7885-08	CPL END CAP CUS	55320730	
		*	H10-7886-08	CPL END CAP CUS	55320740	
		*	H21-1514-08	SHEET FFE RT22	55135940	
		*	H25-1712-08	CPL BAG RCA 26	55170650	E TX
		*	H25-1715-08	CPL BAG PE CRK	20715540	
		*	H25-1730-08	CPL BAG PE 250	20932750	
		*	H25-1731-08	CPL BAG POLY V	55237020	
		*	H25-1732-08	CPL BAG PE 45	55030950	
		*	H50-4774-08	CARTON BOX DVR	55320750	
		*	H50-4775-08	CARTON DVR-810	55405140	
		*	H50-4776-08	CARTON DVR-810	55405170	
		*	L92-0567-08	FCORE FERRIT M	55091680	

L: Scandinavia
V: PPF (East-Hawaii)
Y: AAFF (Europe)
K: USA
P: Canada
E: Europe
B: Russia
A: Australia
C: China
M: Other Asian
G: Germany
H: Korea
I: Malaysia
V: China/Shanghai
A: India/Agro
C: China
M: Other Asian
G: Germany
H: Korea
I: Malaysia

2

2

Re-
marks

nents

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

3

Ref. No	New Parts	Parts No.	Destination
MAIN (X09-6650-10/55344180)			

C1,2	CK73GB1H103K
C3,4	CC73GCH1H220J
C5	CK73GB1C104K
C7	CK73GB1C104K
C10	CK73GB1C104K
C11,12	CC73GCH1H102J
C13,14	CC73GCH1H101J
C15	CK73GB1H103K
C16,17	CE04LW1H100M
C18	CK73GB1H103K
C19	CC73GCH1H102J
C20	CK73GB1H103K
C23,24	CK73GB1C104K
C26	CE04LW1H2R2M
C27	CK73GB1C104K
C28	CE04LW1H100M
C29	CC73GCH1H470J
C30	CK73GB1H221K
C31	CC73GCH1H470J
C32	CK73GB1C104K
C33,34	CK73GB1H103K
C37	CE04LW1H100M
C38	CC73GCH1H471J
C39,40	CK73GB1H103K
C41	CE04LW1C100M
C42,43	CE04LW1E470M
C46	CE04LW1E470M
C47	CE04LW1H2R2M
C49	CC73GCH1H471J
C50	CK73GB1C104K
C53	CE04LW1E470M
C54	CK73GB1H103K
C58	CE04LW1A101M
C59-63	CE04LW1H100M
C64-69	CK73GB1H103K
C70	CE04LW1H100M
C71,72	CK73GB1H222K
C73	CK73GB1H223K
C74-76	CK73GB1H222K
C77,78	CC73GCH1H821J
C79	CK73GB1H223K
C80-82	CC73GCH1H821J
C83-88	CE04LW1H100M
C98	CK73GB1C104K
C101,102	CK73GB1H103K
C113	CE04LW1H4R7M
C114-116	CE04LW1H100M
C117	CC73GCH1H101J
C118	CC73GCH1H303C
C119	CE04LW1H220M
C120,121	CC73GCH1H101J
C122	CE04LW1H100M
C123	CC73GCH1H390J
C124-126	CK73GB1H101J
C127-129	CK73GB1C224K
C130	CE04LW1H470M
C131	CK73GB1C224K
C132,133	CK73GB1H473K
C134	CE04LW1H470M
C135,136	CK73GB1H473K
C137,138	CK73GB1H472K
C139,140	CE04LW1E470M
C141	CK73GB1H103K
C142,143	CE04LW1H100M
C144,145	CK73GB1H103K
C151,152	CK73GB1H103K
C153	CE04LW1H010M
C154,155	CE04LW1E01M
C158	CK73GB1H103K
C160	CC73GCH1H102J
C161-166	CK73GB1H221K
C167-178	CC73GCH1H101J
C179,180	CC73GCH1H102J
C181	CK73GB1H221K
C182	CE04LW1V101M

Ref. No	New Parts	Parts No.	Destination
MAIN (X09-6650-10/55344180)			
C183		CC73GCH1H220J	
C184		CE04LW1E221M	
C500-505		CE04LW1H2R2M	
C506		CE04LW1C220M	
C507-511		CK73GB1H152K	
C512		CK73GB1H103K	
C513-519		CK73GB1H103M	
C520		CE04LW1H331M	
C521		CE04LW1H470M	
C522,523		CE04LW1H331M	
C524,525		CE04LW1H470M	
C526-528		CK73GB1H103K	
C529		CE04LW1H470M	
C530		CE04LW1H331M	
C531		CE04LW1H470M	
C532		CE04LW1H331M	
C533		CE04LW1H470M	
C534		CE04LW1H331M	
C535-537		CK73GB1H103K	
C538-543		C93-1174-05	
C547-549		CK73GB1H103K	
C550		CC73GCH1H101J	
C551		CE04LW1H331M	
C552		CC73GCH1H101J	
C553		CE04LW1H331M	
C554		CC73GCH1H101J	
C555		CE04LW1H331M	
C556-561		CK73GB1C104K	
C562-567		CC73GCH1H101J	
C568-570		CK73GB1C104K	
C571		CC73GCH1H121J	
C572		CK73GB1H221K	
C573		CC73GCH1H560J	
C574		CC73GCH1H820J	
C575		CC73GCH1H181J	
C576		CC73GCH1H330J	
C577-588		CF92FV1H224J	
C589,590		CK73GB1H472K	
C591-594		CC73GCH1H101J	
C599-602		CC73GCH1H100D	
C604		CE04LW1H010M	
C605		CE04LW1A221M	
C610,611		CK73GB1C104K	
C612		CE04LW1E470M	
C613		CE04LW1H4R7M	
C615		CE04LW1C220M	
C616-621		CK73GB1H472K	
C705,706		CK73GB1H103K	
C707-712		CC73GCH1H470J	
C713,714		CK73GB1H223K	
C715-720		CE04LW1H2R2M	
C721-726		CC73GCH1H470J	
CP10		E41-0824-08	
HP51		E11-0957-08	
J1	*	E63-1268-05	
J2-4	*	E63-1269-05	
J500		E70-0165-08	
L1,2		L92-0089-05	
L3	*	L33-1654-05	
L4-8		L92-0089-05	
L10		L92-0089-05	
L11	*	L33-1656-08	
L13		L92-0089-05	
L500	*	L33-1655-08	
L501-506	*	L33-1657-08	
X1	*	L78-0751-05	
X2		L77-2355-08	
R1,2		RK73GB1H100J	
R3,4		RK73GB1J750	
R7		RK73GB1H101J	
R8,9		RK73GB1H100J	
R10		RK73GB1H100J	
R11,12		RK73GB1J561J	
R13,14		RK73GB1H101J	
R15-17		RK73GB1J202J	
R18-21		RK73GB1H100J	

Ref. No	New Parts	Parts No.	Destination
MAIN (X09-6650-10/55344180)			
R22,23		RK73GB1J103J	
R24		RK73GB1J121J	
R25		RK73GB1J100J	
R26-29		RK73GB1J121J	
R30,31		RK73GB1J102J	
R32		RK73GB1J101J	
R33-38		RK73GB1J102J	
R39-42		RK73GB1J103J	
R43		RK73GB1J472J	
R44		RK73GB1J103J	
R45		RK73EB2B1R0J	
R46		RK73GB1J103J	
R47		RK73GB1J472J	
R48		RK73GB1J104J	
R49		RK73GB1J103J	
R50		RK73GB1J121J	
R51		RK73GB1J103J	
R53		RK73GB1J103J	
R54		RK73GB1J183J	
R55		RK73GB1J332J	
R56		RK73GB1J1R0J	
R57		RK73GB1J102J	
R58,59		RK73GB1J332J	
R60		RK73GB1J101J	
R61		RK73GB1J1R0J	
R62		RK73GB1J222J	
R63		RK73GB1J100J	
R64		RK73GB1J1R0J	
R65		RK73GB1J332J	
R66		RK73GB1J1R0J	
R67		RK73GB1J100J	
R68,69		RK73GB1J103J	
R70,71		RK73GB1J472J	
R74		RK73GB1J333J	
R75-77		RK73GB1J121J	
R78-80		RK73GB1J103J	
R81-86		RK73GB1J470J	
R87,88		RK73GB1J222J	
R89,90		RK73GB1J103J	
R91		RK73EB2B1R0J	
R95-100		RK73GB1J100J	
R106-107		RK73GB1J332J	
R108		RK73GB1J512J	
R109-111		RK73GB1J332J	
R112-117		RK73GB1J104J	
R118,119		RK73GB1J911J	
R120		RK73GB1J103J	
R121-123		RK73GB1J911J	
R124,125		RK73GB1J332J	
R126,127		RK73GB1J103J	
R128		RK73GB1J272J	
R129-131		RK73GB1J103J	
R132,133		RK73GB1J562J	
R134		RK73GB1J103J	
R135-137		RK73GB1J562J	
R138,139		RK73GB1J470J	
R140		RK73GB1J101J	
R141		RK73GB1J470J	
R142-144		RK73GB1J121J	
R145		RK73GB1J470J	
R147,148		RK73GB1J104J	
R150,151		RK73GB1J104J	
R157		RK73GB1J105J	
R158		RK73GB1J392J	
R159		RK73GB1J103J	
R160		RK73GB1J243J	
R161		RK73GB1J103J	
R169		RK73GB1J393J	
R174		RK73GB1J393J	
R178		RK73GB1J105J	
R179		RK73GB1J392J	
R180		RK73GB1J103J	
R181		RK73GB1J243J	
R182		RK73GB1J103J	
R185		RK73GB1J104J	
R190,191		RK73GB1J470J	

L: Scandinavia
Y: PX(Far East,Hawaii)
Y: AAFES(Europe)K: USA
T: England
X: AustraliaP: Canada
E: Europe
Q: RussiaR: Mexico
G: Germany
H: KoreaC: China
V: China(Shanghai)
M: Other Areas

I: Malaysia

△ indicates safety critical component

DVR-8100

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.

Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.

Teile ohne **Parts No.** werden nicht geliefert.

4

Ref. No	New Parts	Parts No.	Desti- nation
R194		RK73GB1J472J	
R195		RK73GB1J202J	
R196,197		RK73GB1J470J	
R199		RK73GB1J105J	
R200		RK73GB1J103J	
R201		RK73GB1J124J	
R202,203		RK73GB1J103J	
R204		RK73GB1J272J	
R205,206		RK73GB1J103J	
R207,208		RK73GB1J102J	
R209		RK73GB1J103J	
R210		RK73GB1J133J	
R211		RK73GB1J103J	
R212		RK73GB1J470J	
R213,214		RK73GB1J100J	
R215		RS14KB3A271J	
R216-220		RK73GB1J472J	
R221		RS14KB3A271J	
R225		RK73GB1J103J	
R226		RK73GB1J102J	
R233		RK73GB1J472J	
R235		RK73GB1J102J	
R236,237		RK73FB2A103J	
R238		RK73GB1J104J	
R239		RK73GB1J470J	
R246		RK73GB1J103J	
R248,249		RK73GB1J1R0J	
R252		RK73GB1J102J	
R253		RK73GB1J101J	
R258		RK73GB1J121J	
R264-269		RK73GB1J474J	
R272,273		RK73GB1J102J	
R274,275		RK73GB1J222J	
R276,277		RK73GB1J102J	
R278,279		RK73GB1J121J	
R280		RK73GB1J470J	
R281,282		RK73GB1J1R0J	
R283		RK73GB1J103J	
R284		RK73GB1J1R0J	
R285,286		RK73GB1J470J	
R301-314		RK73GB1J121J	
R350		RK73GB1J222J	
R351		RK73GB1J103J	
R352-358		RK73GB1J202J	
R359,360		RK73GB1J103J	
R361-364		RK73GB1J222J	
R365-367		RK73GB1J103J	
R368-371		RK73GB1J222J	
R372		RK73GB1J103J	
R372		RK73GB1J202J	
R373		RK73GB1J222J	
R373		RK73GB1J222J	
R374,375		RK73GB1J103J	
R376		RK73GB1J222J	
R380-382		RK73GB1J202J	
R501		RK73GB1J821J	
R502-513		RK73GB1J222J	
R514		RK73GB1J472J	
R515-520		RK73GB1J473J	
R521		RK73GB1J361J	
R522		RK73GB1J104J	
R523		RK73GB1J473J	
R533-535		RK73EB2B100J	
R536-541		RK73GB1J203J	
R542		RK73GB1J102J	
R543-548		RK73GB1J203J	
R549		RK73GB1J241J	
R550-554		RK73GB1J241J	
R555-557		RK73GB1J822J	
R558-560		RK73GB1J224J	
R561-563		RK73GB1J244J	
R567-569		RK73GB1J222J	
R570-572		RK73GB1J912J	
R573		RK73GB1J122J	
R574		RK73GB1J102J	
R575		RK73GB1J122J	
R576		RK73GB1J102J	

Ref. No	New Parts	Parts No.	Desti- nation
R577		RK73GB1J122J	
R578		RK73GB1J102J	
R579-581		RK73GB1J912J	
R582		RK73GB1J122J	
R583		RK73GB1J102J	
R584		RK73GB1J122J	
R585		RK73GB1J102J	
R586		RK73GB1J122J	
R587		RK73GB1J102J	
R588		RK73GB1J122J	
R589		RK73GB1J102J	
R590		RK73GB1J122J	
R591		RK73GB1J102J	
R592		RK73GB1J122J	
R593		RK73GB1J102J	
R594		RK73GB1J122J	
R595		RK73GB1J102J	
R596		RK73GB1J122J	
R597		RK73GB1J102J	
R598		RK73GB1J122J	
R599		RK73GB1J102J	
R600,601		RK73GB1J912J	
R602,603		RK73GB1J103J	
R604,605		RK73GB1J912J	
R606,607		RK73GB1J103J	
R608,609		RK73GB1J912J	
R610,611		RK73GB1J103J	
R614-619		RS14KB3D6R8J	
R620-625		RK73GB1J333J	
R630-633		RS14KB3D471J	
R634-637		RK73GB1J121J	
R643		RK73GB1J104J	
R644		RS14KB3D820J	
R645		RS14KB3D331J	
R647		RK73GB1J103J	
R648		RK73GB1J681J	
R649,650		RK73GB1J103J	
R651-653		RK73GB1J153J	
R655-660		RK73GB1J473J	
R661		RK73GB1J333J	
R662		RK73GB1J272J	
R663		RK73GB1J472J	
R664		RK73GB1J222J	
R665		RK73GB1J153J	
R666		RK73GB1J222J	
R701,702		RK73GB1J752J	
R703,704		RK73GB1J203J	
R705,706		RK73GB1J752J	
R707,708		RK73GB1J203J	
R709,710		RK73GB1J752J	
R711,712		RK73GB1J203J	
R713,714		RK73GB1J100J	
VR1-6		R12-3688-05	
K500-502		S76-0136-08	
D1,2		UD26.8B	
D3		1SS355	
D7-10		1SS355	
D500		UDZ3.9B	
D501-513	*	SFPX-62	
D514-518		1SS355	
D519		ZNR5V1B0.2W	
D530-535		1SS355	
IC1,2		74VHC574MX	
IC3	*	74VHC157MX	
IC5	*	AT27LV020A-90JC	
IC7		AK4586	
IC8	*	74VHCT244AMX	
IC9		CS493263-CL	
IC10		BA033FP	
IC11	*	BA25BC0FP	
IC12	*	BA05FP	
IC13-15	*	BA4558F	
IC13-15	*	KIA4558F	
IC19	*	BA4558F	
IC19		KIA4558F	

Ref. No	New Parts	Parts No.	Desti- nation
IC21	*	M24C02WMN6	
IC22	*	CXP82860-367Q	
IC23	*	BD3811(7)	
IC24		KIA7812API	
IC25		KIA7912PI	
IC26		KIA7045P	
IC27	*	TA2022	
IC505		KIA7805API	
IC701-703		BA4558F	
IC701-703		KIA4558F	
Q1		KTA1504Y	
Q2		DTC113ZK	
Q3,4		KTD1304	
Q5		DTA114YKA	
Q7		KTC3875Y	
Q8	*	BC817	
Q500		DTC114YKA	
Q501-506		KTD1304	
Q507		KTA1504Y	
Q508-513		DTC114YKA	
Q514		KTC3875Y	
Q515		KTC3875Y	
Q516		KTA1504Y	
Q520		KTC3875Y	
Q521,522		KTA1504Y	
A1,2		W02-2716-05	
A3		W02-2717-05	
FRONT (553344200)			
D501	*	B30-2650-08	
D502		B30-2638-08	
C501,502		CK73GB1C104K	
C505		CE04LW1A101M	
C506		CC73GCH1H102J	
C507-509		CK45FB1H473Z	
C520		CE04LW1C470M	
L501	*	L33-1658-08	
X501		L77-2355-08	
R452		RK73GB1J181J	
R501		RK73GB1J152J	
R501		RK73GB1J682J	
R502		RK73GB1J103J	
R503		RK73GB1J331J	
R504		RK73GB1J102J	
R506,507		RK73GB1J102J	
R508,509		RK73GB1J103J	
R511-513		RK73GB1J103J	
R519		RK73GB1J821J	
R520		RK73GB1J102J	
R521		RK73GB1J222J	
R522		RK73GB1J152J	
R523		RK73GB1J182J	
R524		RK73GB1J242J	
R525		RK73GB1J332J	
R526		RK73GB1J472J	
R527		RK73GB1J682J	
R528		RK73GB1J123J	
R529		RK73GB1J183J	
R530		RK73GB1J821J	
R531		RK73GB1J102J	
R532		RK73GB1J222J	
R533		RK73GB1J152J	
R534		RK73GB1J182J	
R535		RK73GB1J242J	
R536		RK73GB1J332J	
R537		RK73GB1J472J	
R538		RK73GB1J682J	
R539		RK73GB1J123J	
R550-590		RK73GB1J104J	
R591		RK73GB1J181J	
R592		RK73GB1J103J	
R593		RK73GB1J471J	
S500		T99-0668-08	
S501,502		S70-0087-08	
S503	*	S70-0104-08	

I: Malaysia

△ indicates safety critical component.

PARTS LIST

* New Parts

Parts without **Parts No.** are not supplied.Les articles non mentionnés dans le **Parts No.** ne sont pas fournis.Teile ohne **Parts No.** werden nicht geliefert.

5

Ref. No	New Parts	Parts No.	Desti-nation
S504,505		S70-0087-08	
S507		S70-0087-08	
S514,515		S70-0087-08	
S517		S70-0087-08	
S519		S70-0087-08	
S521		S70-0087-08	
D504,505	*	1SS355	
FL51	*	15-BT-85GNK	
IC51		CXP82832-342Q	
Q501		KTC3875Y	
Q502		DTC114YKA	
RM51		W02-2935-08	

DVD (55344210)

Ref. No	New Parts	Parts No.	Desti-nation
NJ62,63	*	E63-1309-08	
NJ64,65	*	E56-0052-08	
L601		L32-1047-08	
L602		L90-0361-08	
L603-605		L90-0363-08	
L606		L32-1047-08	
L607		L32-1047-08	
L608		L32-1047-08	
L609		L90-0363-08	
L610		L90-0361-08	
L611		L32-1047-08	
Y501		L77-2326-08	
R601-611		R90-1333-08	
R612-614		RK73GB1J750J	
R615-618		RK73GB1J470J	
R619-624		RK73GB1J331J	
R625-633		RK73GB1J470J	
R634		RK73GB1J473J	
R635		RK73GB1J470J	
R636-639		RK73GB1J470J	
R640-642		RK73GB1J103J	
R643,644		RK73GB1J472J	
R646		RK73GB1J000J	
R647		RK73GB1J472J	
R648		RK73GB1J103J	
R649,650		RK73GB1J470J	
R651		RK73GB1J100J	
R652,653		RK73GB1J470J	
R654,655		RK73GB1J182J	
R656,657		RK73GB1J101J	
R658,659		RK73GB1J103J	
R660,661		RK73GB1J470J	
R662		RK73GB1J103J	
R663,664		RK73GB1J470J	
R665,666		RK73GB1J473J	
R667,668		RK73GB1J562J	
R669		RK73GB1J470J	
R670,671		RK73GB1J392J	
R672		RK73GB1J470J	
R673,674		RK73GB1J912J	
R675-678		RK73GB1J470J	
R679		RK73GB1J824J	
R680-682		RK73GB1J470J	
R683,684		RK73GB1J103J	
R685		RK73GB1J470J	
R686		RK73GB1J101J	
R687		RK73GB1J560J	
R688		RK73GB1J105J	
R689-691		RK73GB1J750J	
R692		RK73GB1J473J	
R693		RK73GB1J472J	
R694		RK73FB2A274J	
R695-698		R90-1333-08	
R699		RK73GB1J562J	
R700		RK73GB1J103J	
R701-707		RK73GB1J104J	
R708		RK73GB1J222J	
R709-714		RK73GB1J750J	
R715		RK73GB1J000J	
R716-727		RK73GB1J104J	
R728,729		RK73GB1J750J	
R730,731		RK73GB1J104J	
R732,733		RK73GB1J750J	
R734,735		RK73GB1J104J	
R736		RK73GB1J750J	
R737		RK73GB1J104J	
R738		RK73GB1J750J	
R739		RK73GB1J104J	
R740		RK73GB1J102J	
R741		RK73GB1J683J	
R742		RK73GB1J473J	
R743		RK73FB2A2002F	
R744		RK73FB2A2002F	
R745		RK73GB1J472J	
R746,747		RK73GB1J103J	
R748		RK73GB1J100J	

Ref. No	New Parts	Parts No.	Desti-nation
R749		RK73GB1J103J	
R750,751		RK73GB1J750J	
R752		RK73GB1J103J	
R753,754		RK73GB1J470J	
R755,756		RK73GB1J104J	
R757		RK73GB1J470J	
R758,759		RK73GB1J102J	
R760-763		RK73GB1J472J	
R764		RK73GB1J473J	
R765		RK73GB1J000J	
R766		RK73GB1J471J	
R767-769		RK73GB1J470J	
R770		RK73GB1J473J	
R771,772		RK73GB1J471J	
R773-775		RK73GB1J103J	
R776,777		RK73GB1J220J	
R778		RK73GB1J562J	
R779		RK73GB1J182J	
R780		RK73GB1J102J	
R782,783		RK73GB1J000J	
D601		UZ5V6	
D602		RB501V-40	
D603,604		1N4148	
D605		UD22.2B	
D606		1SS355	
D607,608		JUMPER	
IC61	*	ST15518MVB	
IC61		ST15519	
IC62		M24C02WMN6	
IC63		HY57V641620HGT	
IC63		HY57V651620	
IC63		KS641632DTCL80	
IC64		PCM1748KE	
IC65		BA4560F	
IC66		M29W800AT	
IC66		SST39VF800A904	
IC66		TMS29LF80	
IC67		M74HCU04M1R	
IC68		MM1540AFBE	
IC69		FAN8082	
IC70	*	LA79510E	
IC71		BA033FP	
IC72	*	BA25BC0FP	
IC73		SI-3050C	
IC74		KIA7812API	
Q601,602		KTC3875Y	
Q603,604		DTC323TK	
Q605		KRA107S	
Q606,607		KTC3875Y	
Q608		KTA1504Y	
Q609		DTC114YKA	
Q610		KTA1023Y	

L:Scandinavia
Y:PX(Far East,Hawaii)
Y:AAFES(Europe)

K:USA
T:England
X:Australia

P:Canada
E:Europe
Q:Russia

R:Mexico
G:Germany
H:Korea

C:China(Shanghai)
M:Other Areas

I:Malaysia

△ indicates safety critical component

DVR-8100

SPECIFICATIONS

Main unit

[Amplifier section]

Effective output power during STEREO operation	
1 kHz, 10 % T.H.D. at 6 Ω	75 W + 75 W
Effective output power during SURROUND operation	
Front (1 kHz, 10 % T.H.D. at 6 Ω)	75 W + 75 W
Center (1 kHz, 10 % T.H.D. at 6 Ω)	75 W
Subwoofer (100 Hz, 10 % T.H.D. at 6 Ω)	75 W
Surround (1 kHz, 10 % T.H.D. at 6 Ω)	75 W + 75 W
Input sensitivity / impedance	
VCR / SAT / CABLE	480 mV / 68 kΩ
Output level / impedance	
VCR	480 mV / 1 kΩ

[Tuner section]

FM tuner section	
Tuning frequency range	87.5 MHz ~ 108 MHz
AM tuner section	
Tuning frequency range (for U.K., Europe and Australia)	531 kHz ~ 1,602 kHz
Tuning frequency range (for other countries)	531 kHz ~ 1,602 kHz / 530 kHz ~ 1,610 kHz

[DVD/CD/VIDEO CD player section]

Laser	Semiconductor laser
When playing a DVD :	
Laser wave length	635 ~ 665 nm
Laser power class	Class 2 (IEC)
When playing a CD :	
Laser wave length	770 ~ 810 nm
Laser power class	Class 3A (IEC)
Wow & Flutter	Less than unmeasurable Limit
Video output format	NTSC/PAL



1. KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.
2. Sufficient performance may not be possible at very low temperatures (0°C or less).

Note:

Component and circuit are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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